# Missouri Botanical Garden

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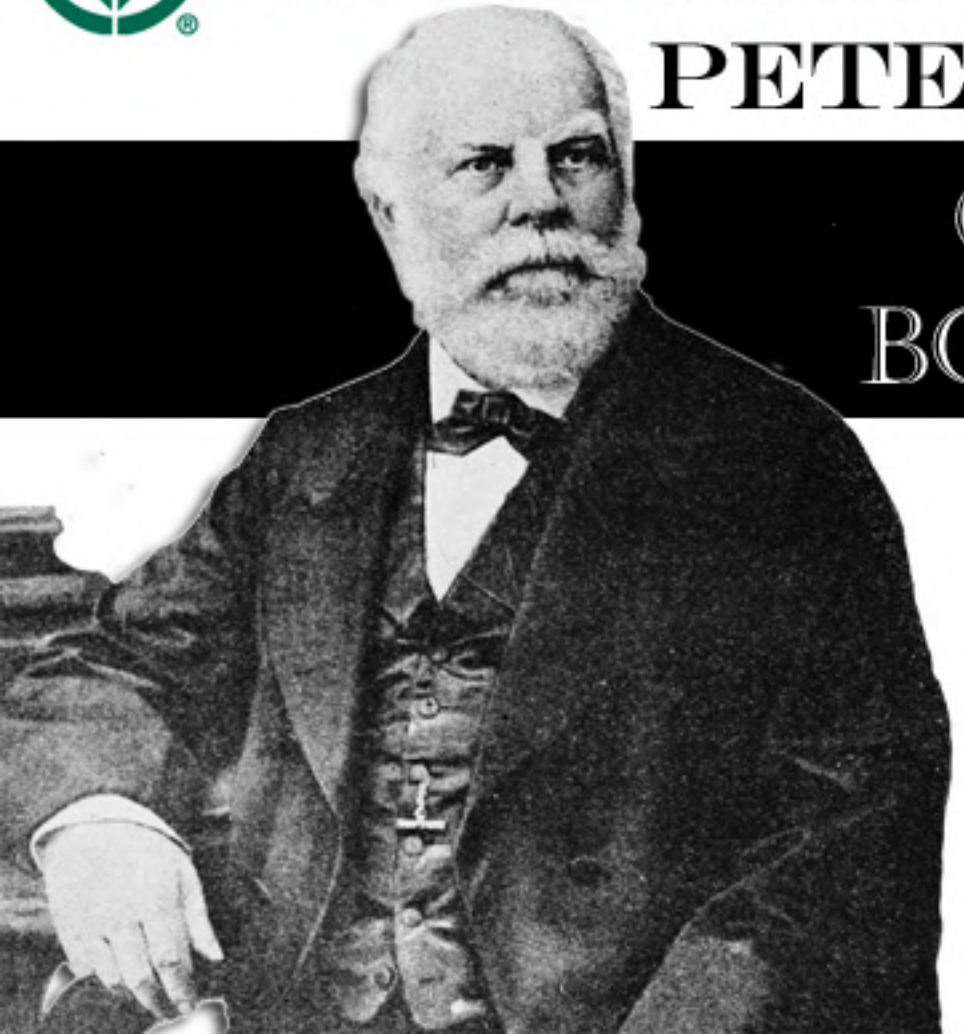
# George Engelmann Botanical Notebooks



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Avoiding excessive moisture, mildew, decay and the falling off of leaf, bud, or undeveloped blossoms. Plants under these ventilated **glass shades** are vitalized, keep in a **healthy condition,** and thereby not exposed to diseases caused by the vitiated atmosphere generally found within an old style glass case or shade. Illustrated circulars on application to

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408. Landscape, *Emile Lambinet (deceased), Paris.*

For Sale. W. H. Howe, St. Louis.

Note on Epipactis Helleborine. By D. F. Day. . . . . 7
A Query. By H. W. Ravenel. . . . . 128
New Station for Psilotum triquetrum. By J. H. Mellichamp. . . 128
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Botanical Notes. . . . . 129
Botanical Literature. . . . . 132
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NEW YORK.

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ANN PAPERS

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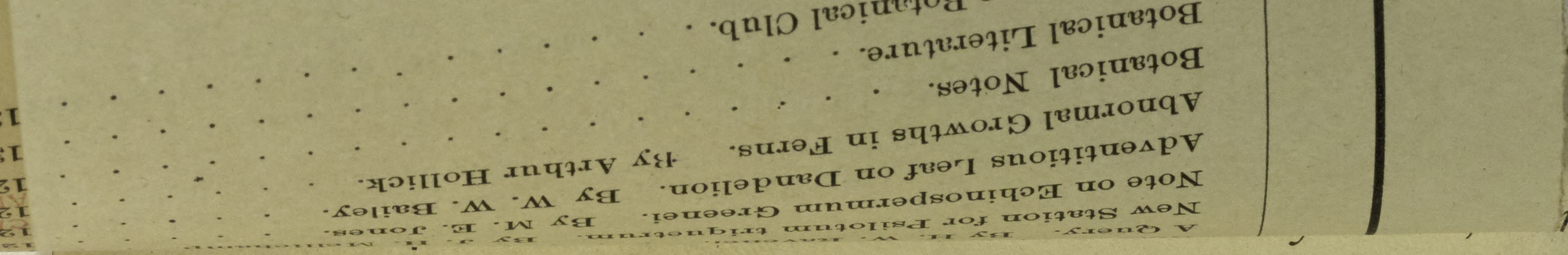


*ris*

For Sale.

407. JERUSALEM OF TO-DAY—Its Memories of the Past.
*W. H. Howe, St. Louis.*

For Sale.

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409. EDUCATION OF THE YOUNG PRINCE,
*Joseph Coomans, Paris.*

Medals at Brussels, 1848; at the Hague, 1859; Metz, 1861; Rouen, 1863; Sydenham, 1874; Chevalier of the Order of Leopold.

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398. THE WARWICK WOODLANDS,

*J. F. Cropsey, N.A., New York.*

For Sale.

399. SUNSET ON THE MOHAWK,

*Edward Gay, A., New York.*

For Sale.

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400. THE STITCH IN TIME, *Frost Johnson, New York.*

For Sale.

401. *R. W. Hubbard, N.A.*

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125
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129
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132

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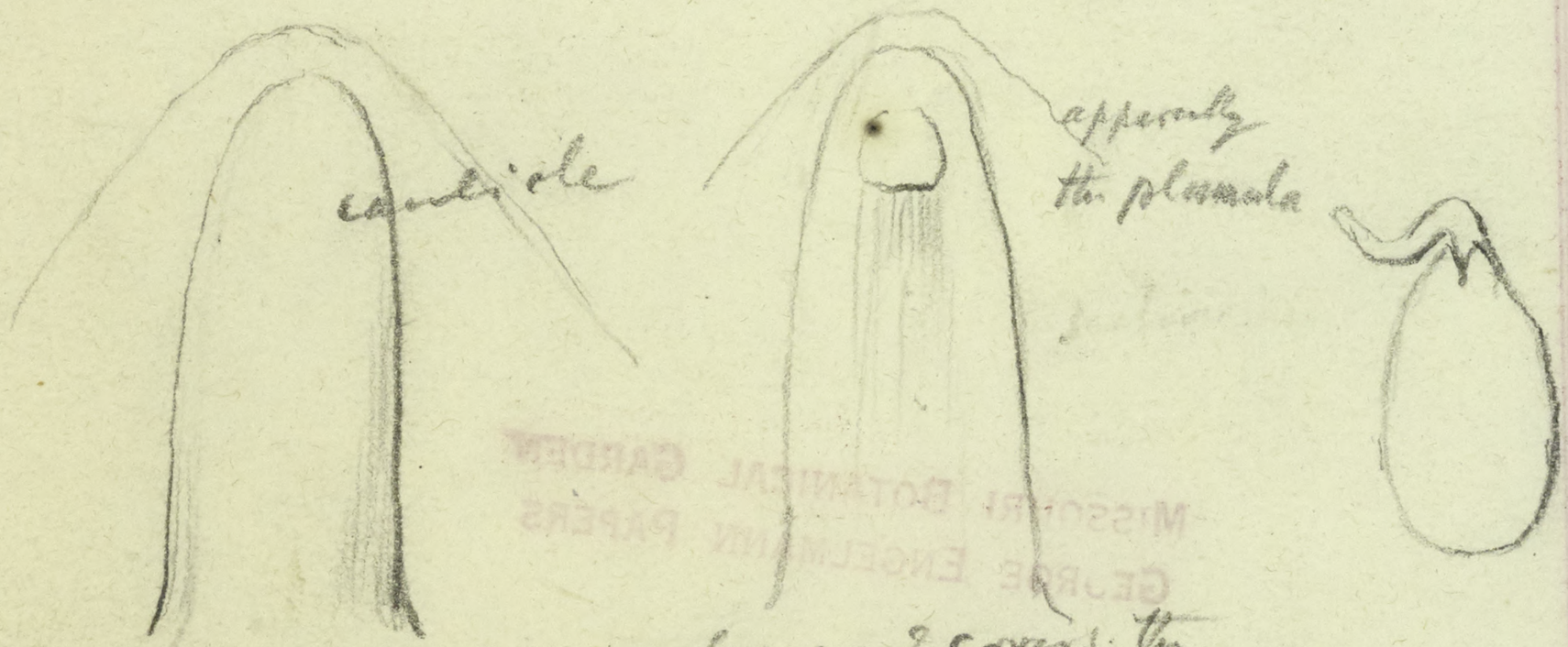
Jan 31 1880

Gemmæ virens

S. Carolin

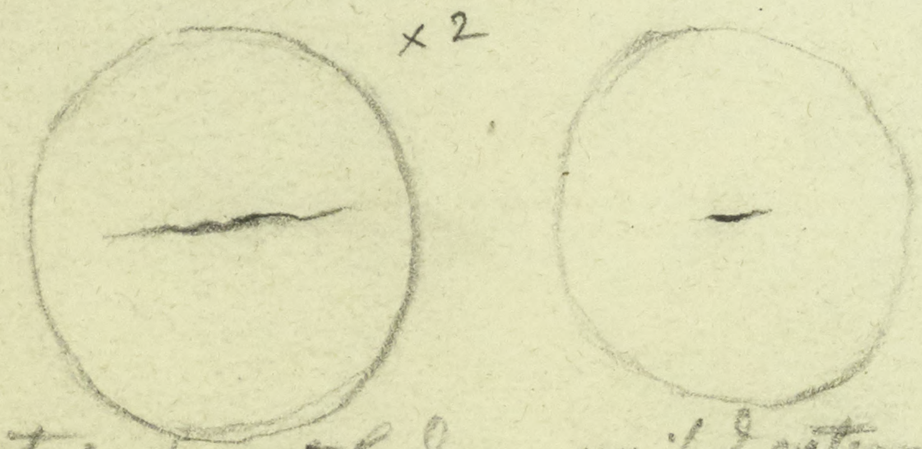
× 10

section × 10




base of cotyledons enclosed & covered the cuticle and is broken through in germination

× 2



section of cotyledons divided inside

united externally more or less

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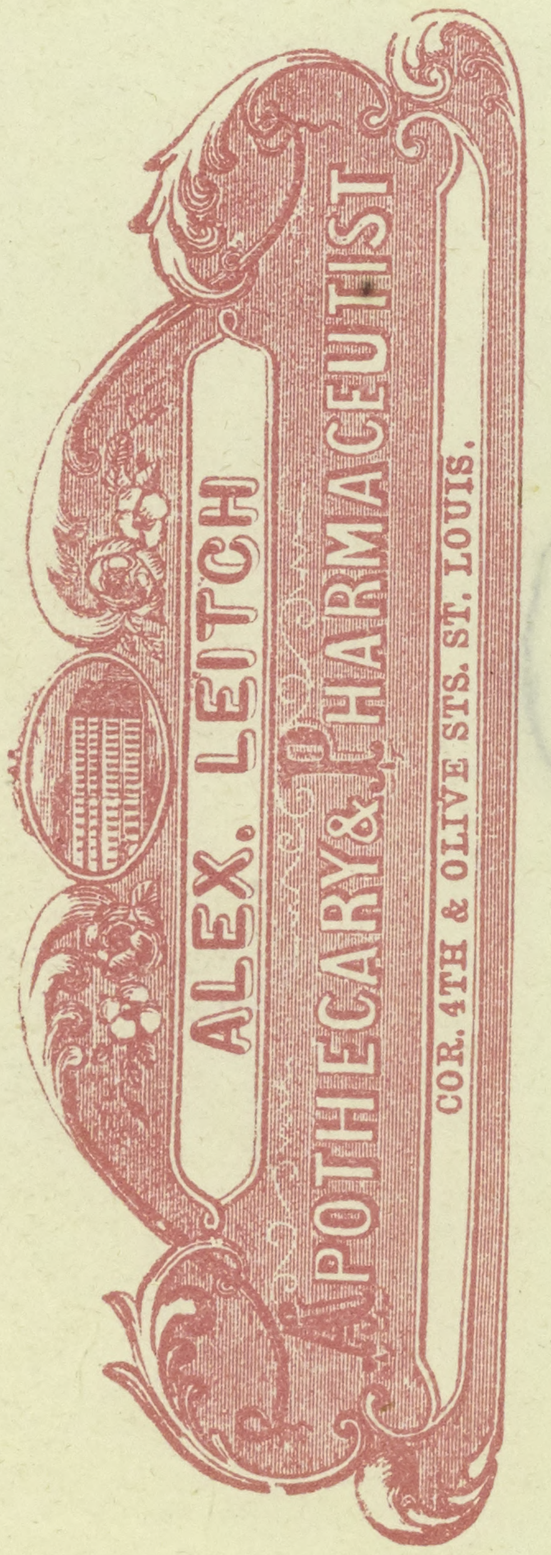


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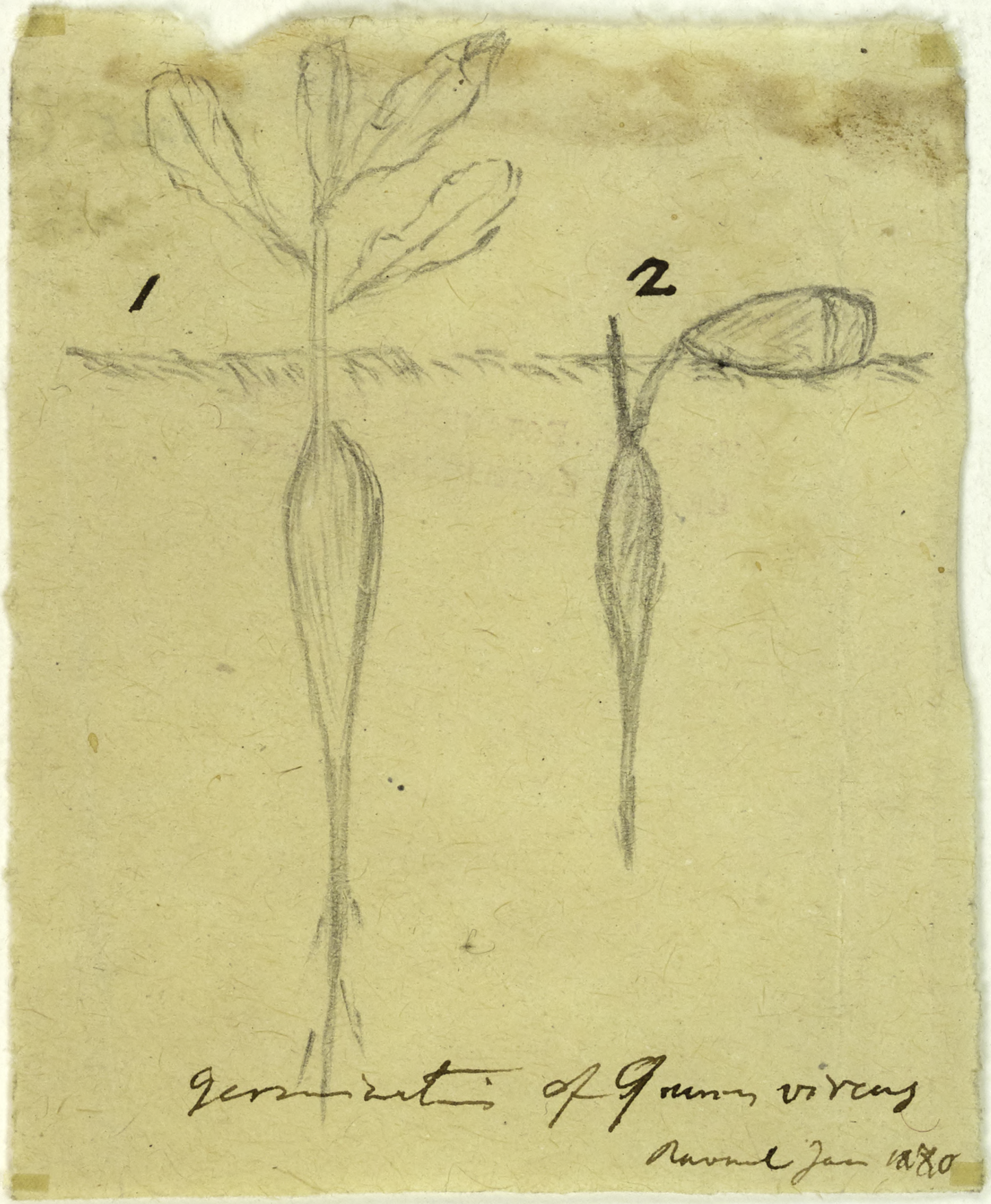


Germination of Gossypium vitifolium
Received Jan 1870

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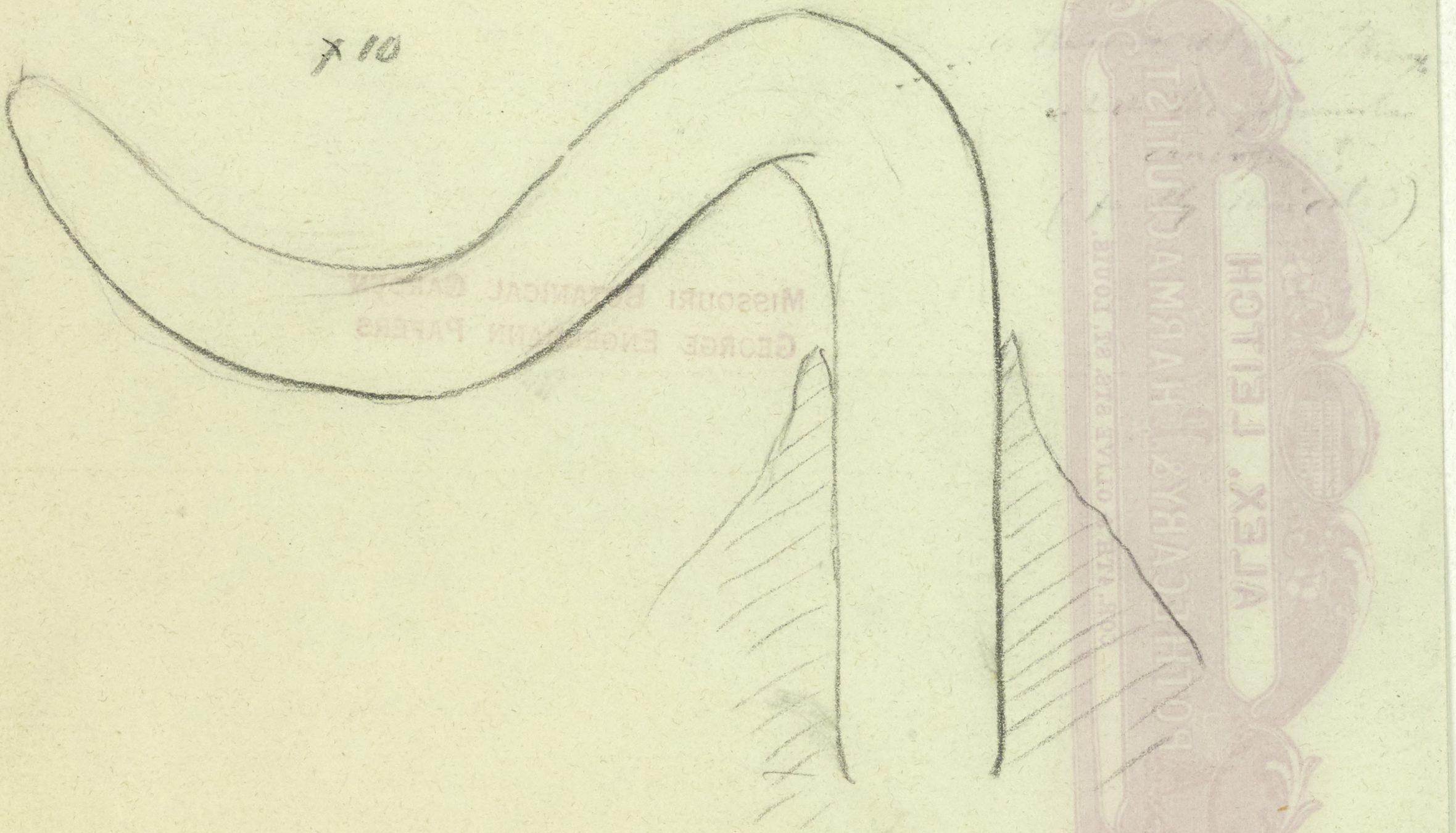
G. virens, germinating Feb 4 1880
on the tree

×10



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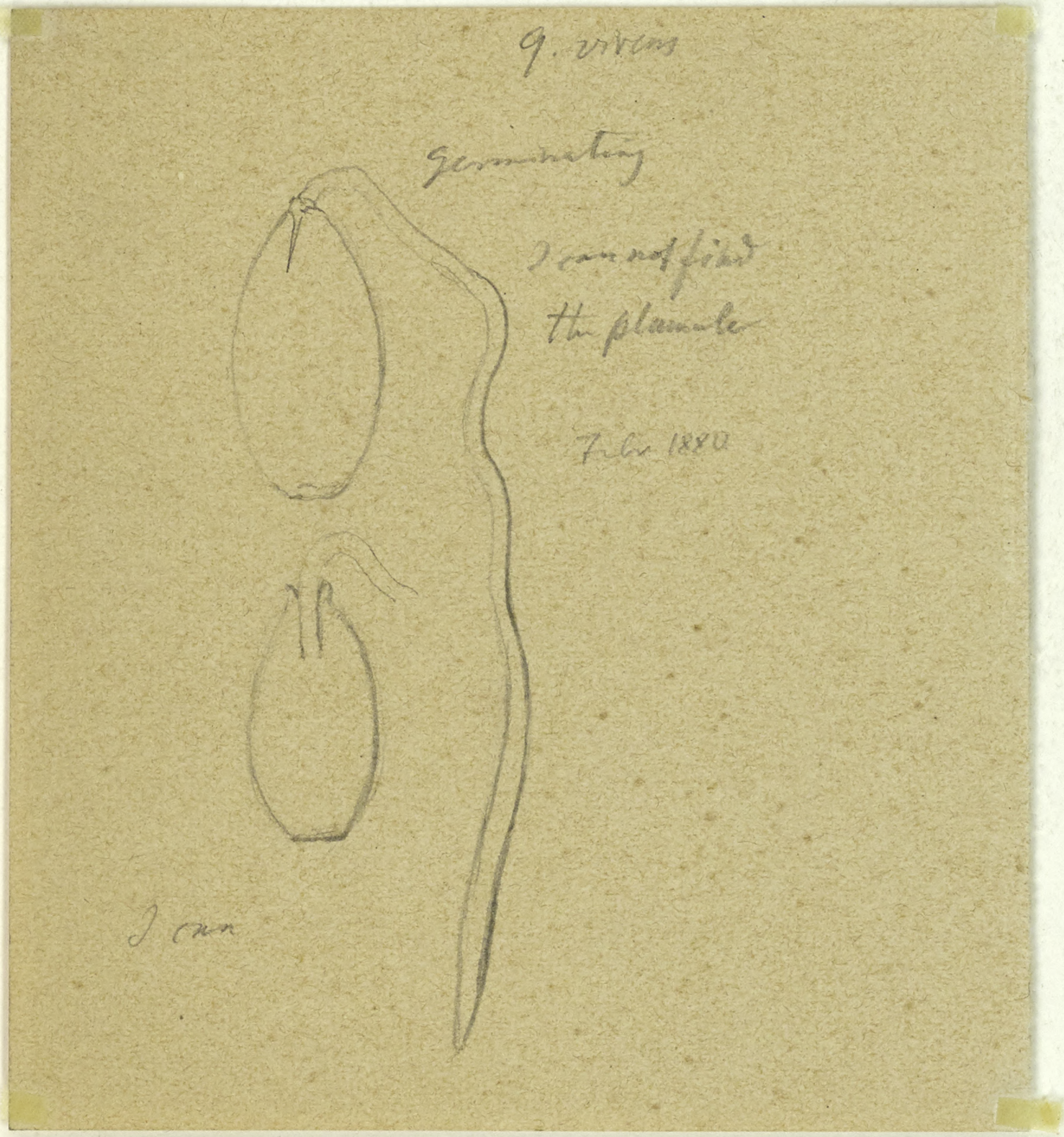


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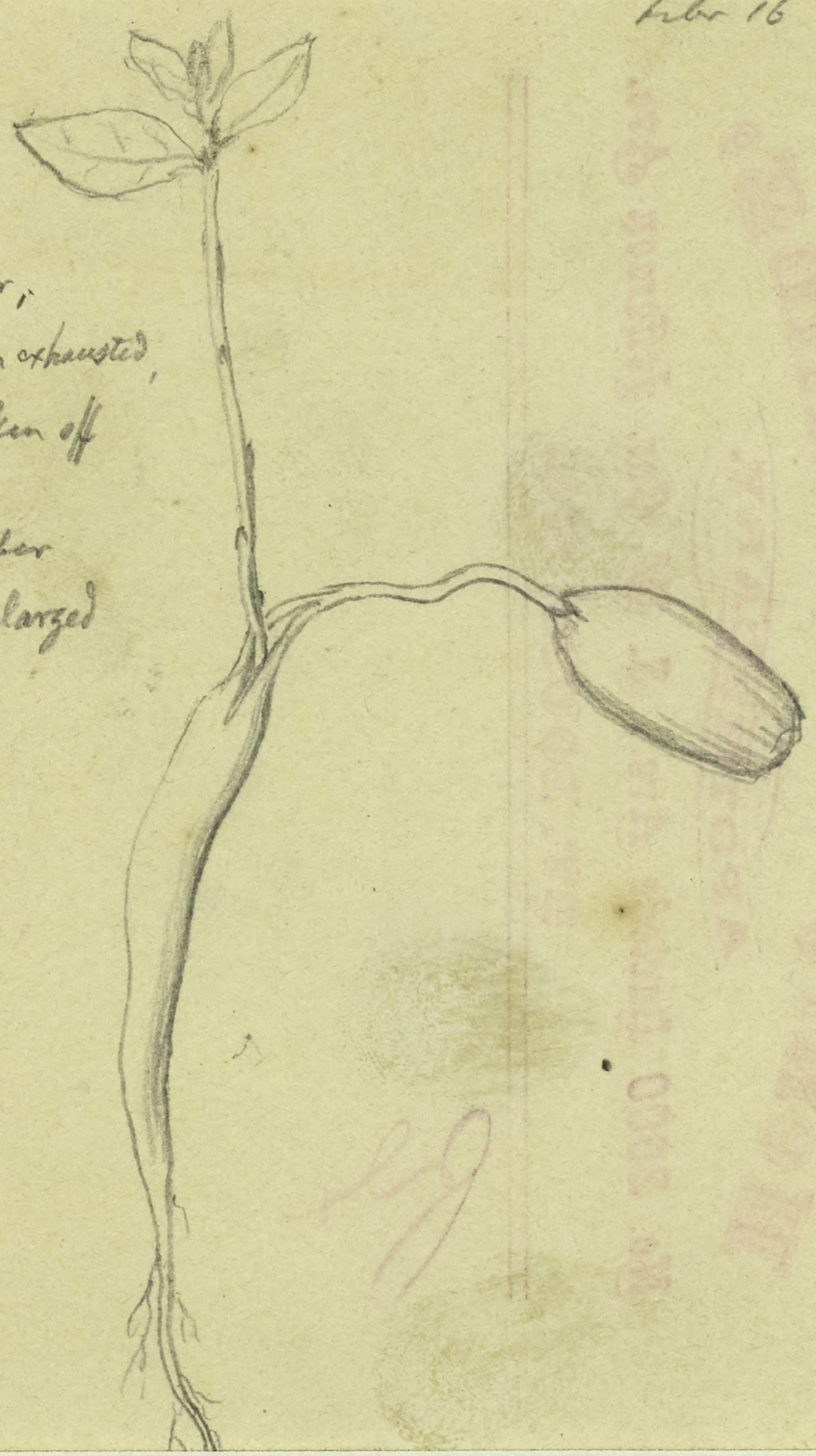
Germination

Tuber 16 1880

The connate petioles of the cotyledons, over 1 inch in length, separate at base by a slit, and emit the plumula



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342. EDUCATION OF A TURKISH PRINCE,
*Stanislaus Chebowski, Paris.*
Pupil of Jerome.
For Sale. Williams & Everett, Boston, Mass.

343. THE BORDERS OF THE OISE—(Morning Effect),
*C. Daubigny (deceased), Paris.*
Medals 1848, '53, '55, '57, '59, '67; Legion of Honor, 1858; Exposition Universelle, 1869; Officer of Legion of Honor, 1874.
For Sale. Williams & Everett, Boston, Mass.

344. OLD MILL—A landscape in Sweden,
*A. Wahlberg, Stockholm.*
Medals 1870, '72.
For Sale. Williams & Everett, Boston, Mass.

345. LANDSCAPE, *J. B. C. Corot (deceased), Paris.*
Medals 1833, '48, '55; Officer of Legion of Honor, 1867; Medal Exposition Universelle, 1867; Officer Legion of Honor, 1874; Medal of Honor from the Artists of France, 1875.
For Sale. Williams & Everett, Boston, Mass.

346. COPPERFIELD'S COUNTRY—Old Boat-Houses of Yarmouth, *Geo. H. Boughton, London.*
For Sale. Williams & Everett, Boston, Mass.

347. FRIENDS FOREVER,
*Chas. Edward, Boutibonne, Paris.*
Medal, 1847.
For Sale. Williams & Everett, Boston, Mass.

348. THE HOME OF FROISSART, THE CHRONICLE—14th Century, *A. B. de Vriendt, Brussels.*
Pupil of Baron Leys.
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349. VIEW ON THE DANUBE—(Landscape by Hoffler; Figures by Schreyer), *A. Hoffler, Frankfort.*

Pupil of Schreyer.

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350. UNDER THE ORANGE TREES—Receiving the Artist's Friend, *P. Joris, Rome.*

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351. LANDSCAPE, *Emile Lambinet (deceased), Paris.*

Medals 1843, '53 '55, '57. Legion of Honor, 1867.

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[illegible] Medals, 1861, '63, '67.

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353. VENICE, *George L. Brown, Boston.*

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354. VIEW ON THE COAST OF SICILY—"Clearing Away," *Geo. L. Brown, Boston.*

For Sale. Williams & Everett, Boston, Mass.

355. BASHI BAZOUKS—Alarmed, *Adolph Schreyer, Frankfort.*

Medals 1864, '65, '67; Vienna Exposition, 1873.

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Geo. Engelmann & Augustus Wislizenus
3681-9
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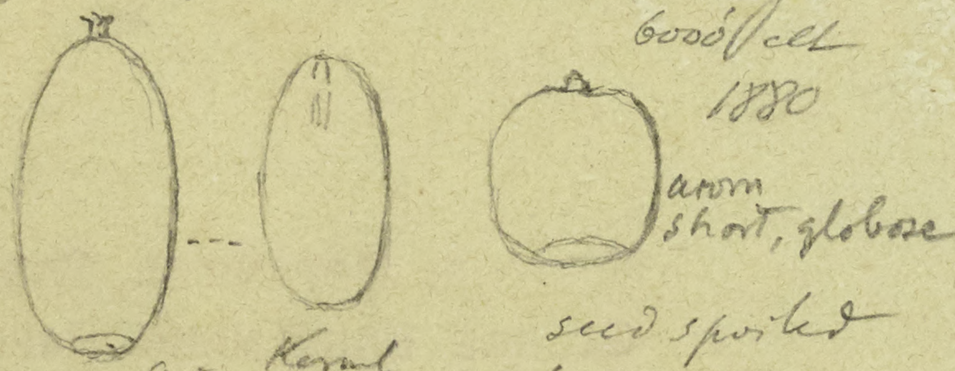
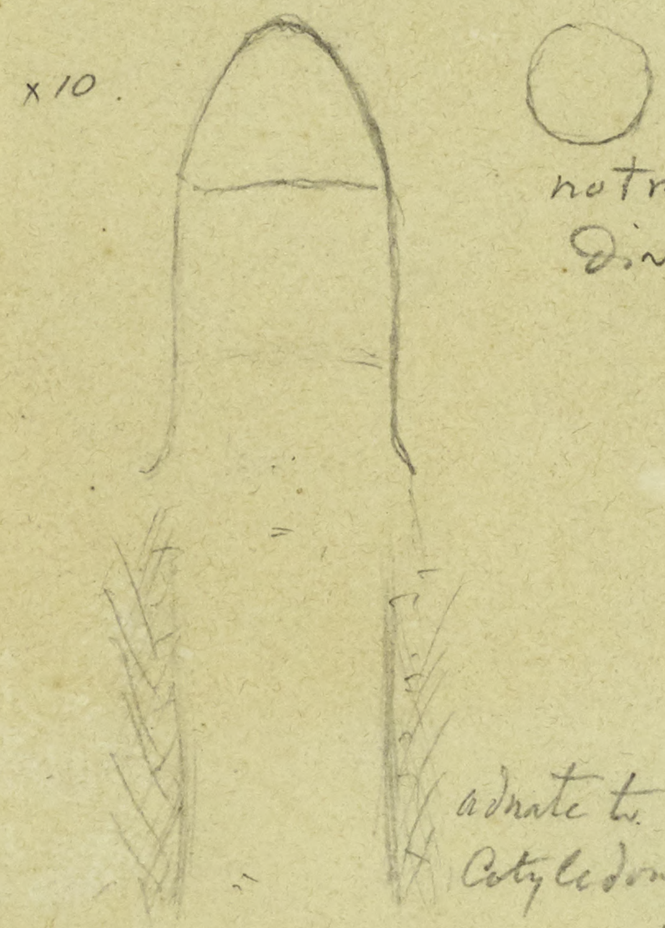
Nov 18th 1881

Quercus grisea ?

GE Santa Rita Mts. Ariz.
6000 ft. el.
1880




Cotyledons toto connati!




Cotyledons firmly united

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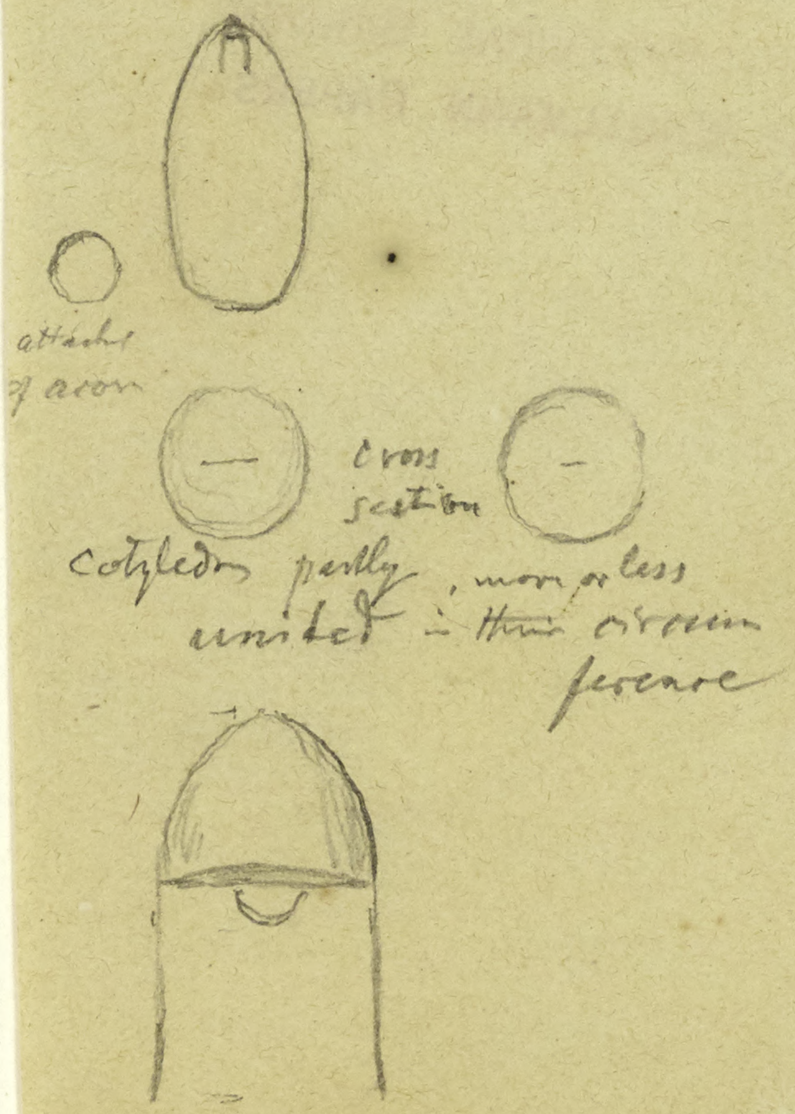
Oct 16 1881

P. gracilis

Las Vegas

" May

Sept 1881. GE.




Geo. Engelmann Collection
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Leitch & Corlies

CHRONOMETERS

South West Corner Fifth and Market Streets

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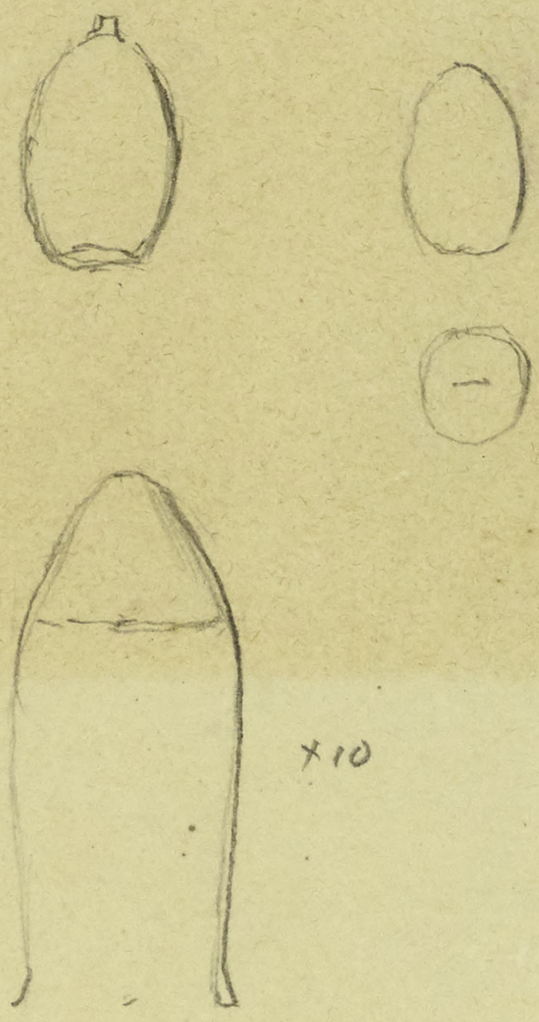
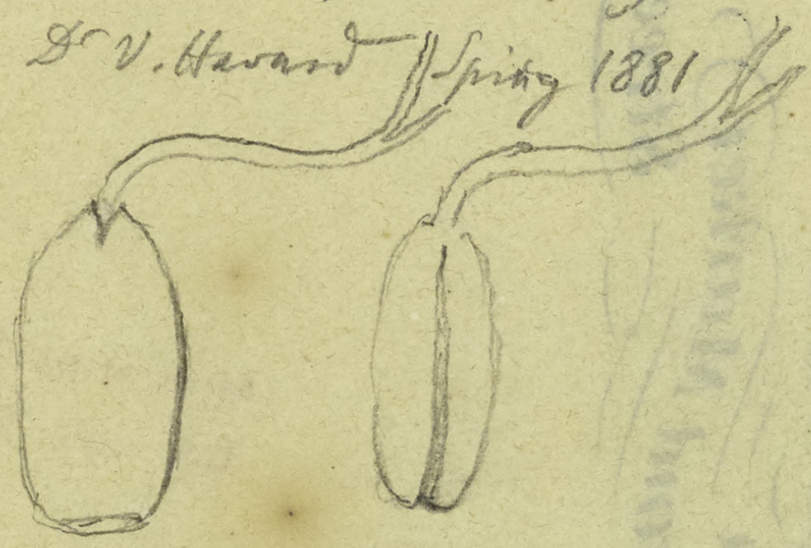
Nov 18 1881

Quercus grisea
Silver City, Grant
N Mex Aug 1880




germinating
Dr V. Havard Spring 1881



Cotyledons sepate, stipe united, elongated

Q. grisea, formerly taken for virens

Dr Havard

somewhat worm eaten and not very distinct (length correct)

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# Leitch & Corlies

## DRUGGISTS

South West Corner Fifth and Market Streets

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ENGELMANN PAPERS

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cm 0 1 2 3 4 5 6 7 8 9 10
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Feb 22 1880

Quercus pungens x griseа

Arizona Palm

germinating

x 10

x 10

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H. W. BARKHOEFER & CO.,

DRUGGISTS & PHARMACISTS,

No. 2934 Olive Street, S. E. Corner Garrison Avenue,

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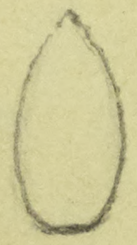
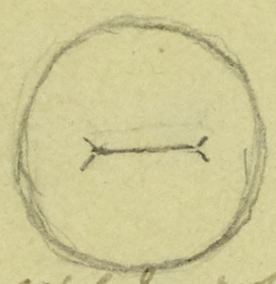
Feb 20 1880

Amorpha nana
Arizona





section
× 2

calyx lobes partly connate!

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HERB. G. ENGELMANN, ST. LOUIS, MO. Oct 30 1882

embryo
cotyledons Connate

Gunnera perigea
Lower California
Orcutt
1882

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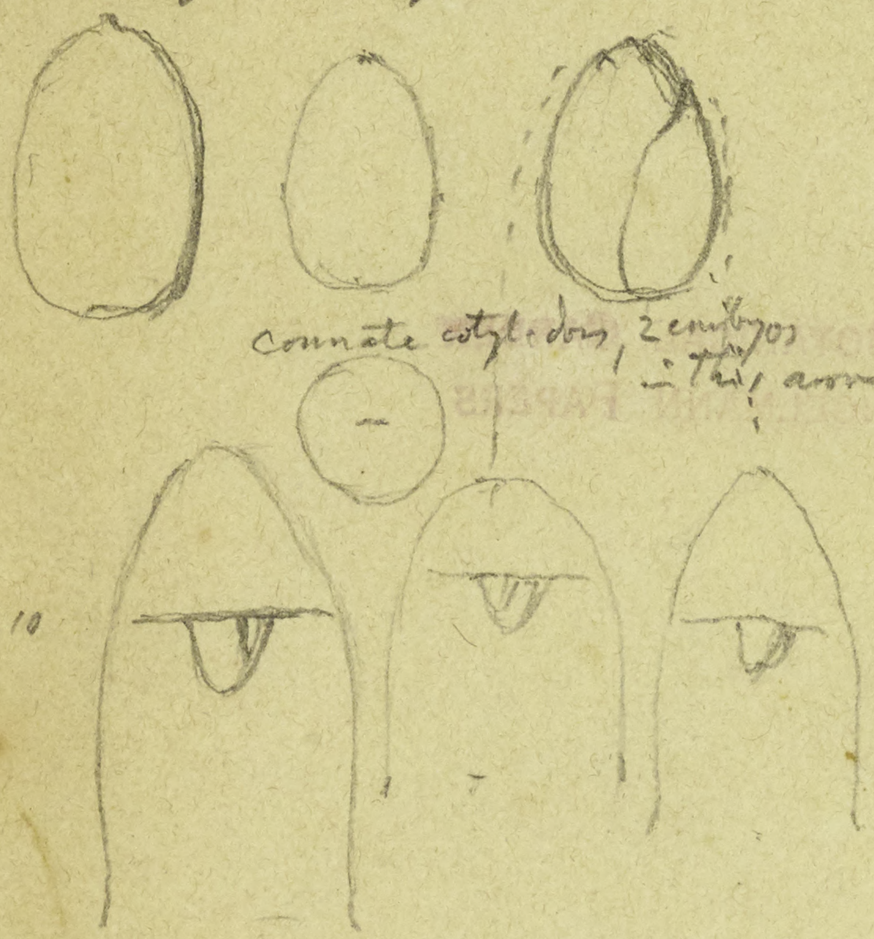
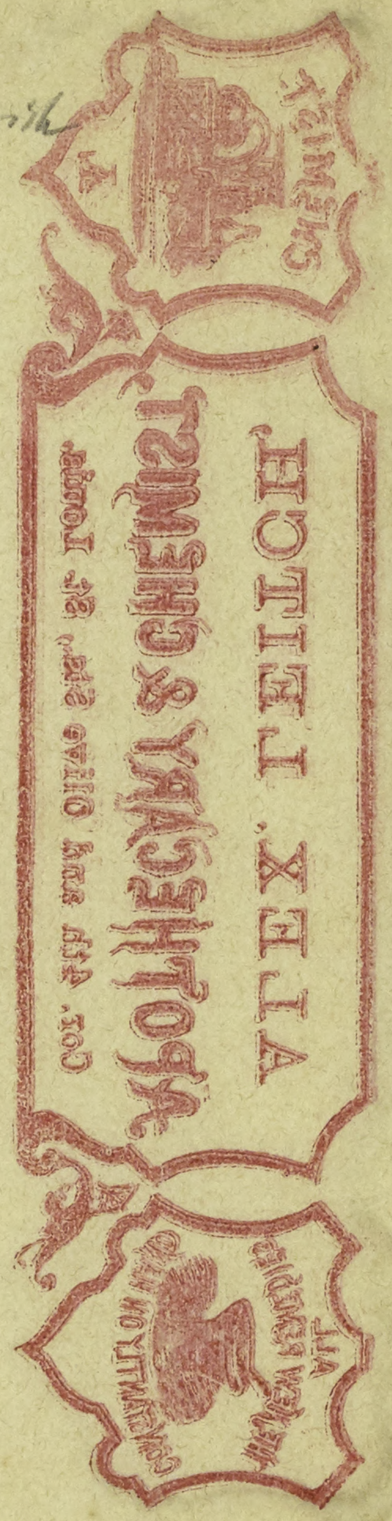
Nov 21 1886

G. oblongifolia
San Gabriel
G.E Sept 1880




"G. oblongifolia"
San Gabriel, Parish

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I. oblongifolia

San Gabriel

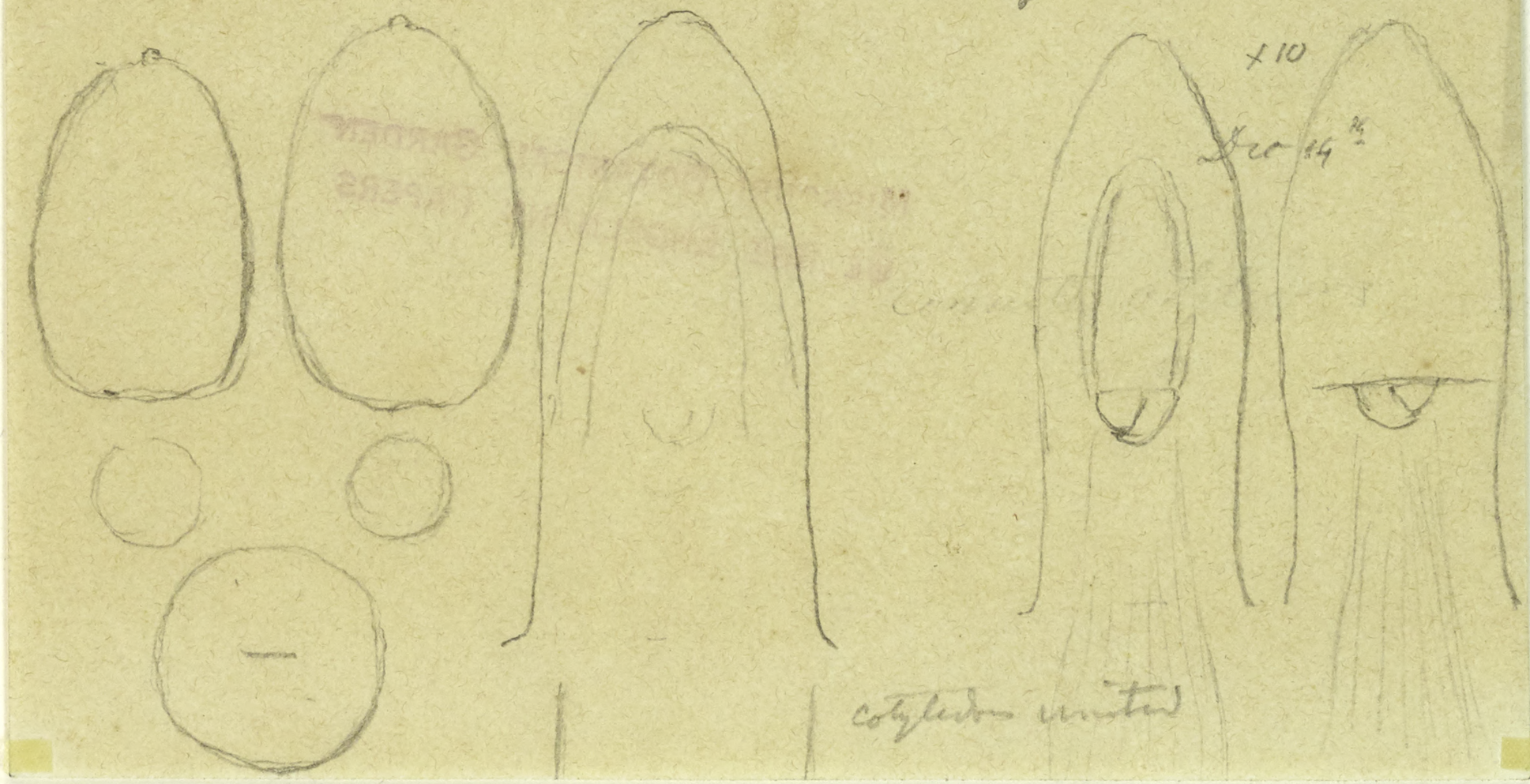
Dec 9 1881

×10

S Barry Nov 1881

×10

Fig 14 ½



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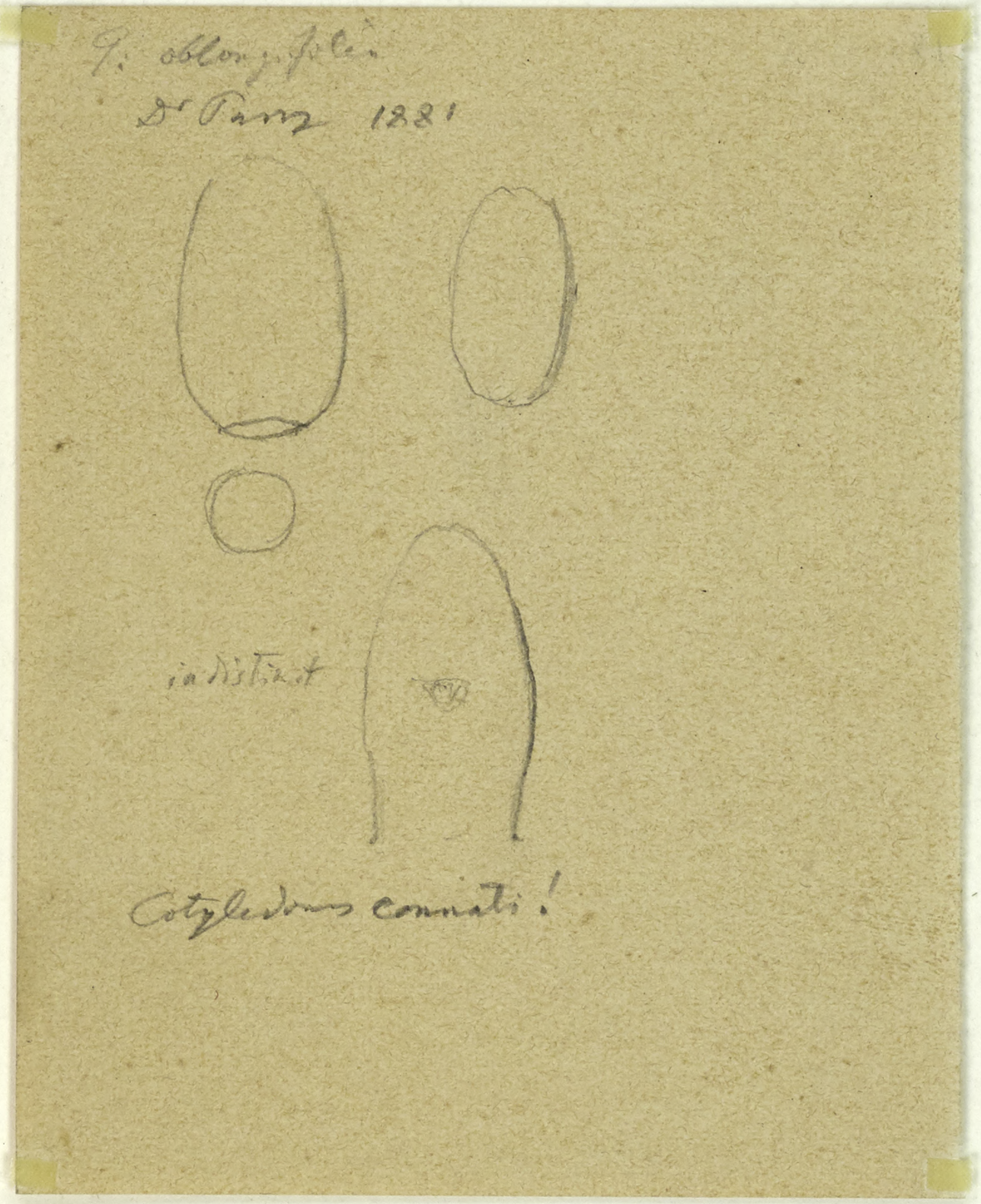


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